

**Flood Control Project Maintenance  
Levee Inspections**

**2019 Channel Summary Report**

**Overall Unit and Item Ratings**

**Placer County**

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**Truckee River**

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments & Other Structural Appurtenances	A
	Encroachments	A

**Flood Control Project Maintenance****Unit Cover Sheet**  
**2019 Channel Inspection Results****Placer County**

Channel
Truckee River

Channel Rating	<b>A</b>
Date of Inspection	8/6/2019
DWR Inspector	Zach Jojola
Accompanied By	Eric Gasper Placer County

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Hwy 89 / Up**

Rating **	A	Issue No.	11	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_11			
Action/Comments				
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.				

Photo 1 of 1 : CH\_2019\_NA0045\_13\_11\_20190806\_00027.jpg



View of the river from Highway 89, looking upstream towards the outlet structure. Summer 2019.

Rating **	A	Issue No.	12	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_12			
Action/Comments				
Inspector Comments: No shoaling or sedimentation present.				

No Photos

Rating **	A	Issue No.	13	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_13			
Action/Comments				
Inspector Comments: No erosion appeared to be encroaching into the channel bank.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Hwy 89 / Up (cont)**

Rating **	A	Issue No.	14	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_14			
Action/Comments				
Inspector Comments: Monitor scouring of revetment on the slope of the left bank.				

Rating **	A	Issue No.	<b>14 (cont)</b>	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_14			

Photo 1 of 2 : CH\_2019\_NA0045\_13\_14\_20190806\_00029.jpg



View of the riprap on the right bank. Summer 2019.

Photo 2 of 2 : CH\_2019\_NA0045\_13\_14\_20190806\_00028.jpg



View of the riprap and minor scouring on the left bank. Summer 2019.

Rating **	A	Issue No.	15	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_15			
Action/Comments				
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Hwy 89 / Down**

Rating **	A	Issue No.	16	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_16			
Action/Comments				
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.				

Photo 1 of 1 : CH\_2019\_NA0045\_13\_16\_20190806\_00030.jpg



Looking downstream on the Truckee River from Highway 89. Summer 2019.

Rating **	A	Issue No.	17	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_17			
Action/Comments				
Inspector Comments: No shoaling or sedimentation present.				

No Photos

Rating **	A	Issue No.	18	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_18			
Action/Comments				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Hwy 89 / Down (cont)**

Rating **	N	Issue No.	19	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_19			
Action/Comments				
Inspector Comments: This item does not apply to this inspection.				

No Photos

Rating **	A	Issue No.	20	GPS Lat/Long
Issue Type +	Ma	Location *		39.166845 °
Category	Rivers, Channels & Designated Flood			-120.144424 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_20			
Action/Comments				
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.				

No Photos

Check Point / View

**bike bridge / Up**

Rating **	A	Issue No.	21	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_21			
Action/Comments				
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.				

Photo 1 of 1 : CH\_2019\_NA0045\_13\_21\_20190806\_00031.jpg



View of the Truckee River, looking upstream from the bike bridge.  
Summer 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**bike bridge / Up (cont)**

Rating **	A	Issue No.	22	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_22			
Action/Comments				
Inspector Comments: No shoaling or sedimentation present.				

No Photos

Rating **	A	Issue No.	23	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_23			
Action/Comments				

No Photos

Rating **	N	Issue No.	24	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_24			
Action/Comments				
Inspector Comments: This item does not apply to this inspection.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**bike bridge / Up (cont)**

Rating **	A	Issue No.	25	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_25			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Check Point / View

**bike bridge / Down**

Rating **	A	Issue No.	26	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_26			

Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1 : CH\_2019\_NA0045\_13\_26\_20190807\_00032.jpg



View of the Truckee River, looking downstream from the bike bridge.  
Summer 2019.

Rating **	A	Issue No.	27	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_27			

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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U : Unacceptable  
N : Not Inspected/Rated  
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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**bike bridge / Down (cont)**

Rating **	A	Issue No.	28	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_28			
Action/Comments				

No Photos

Rating **	N	Issue No.	29	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_29			
Action/Comments				
Inspector Comments: This item does not apply to this inspection.				

No Photos

Rating **	A	Issue No.	30	GPS Lat/Long
Issue Type +	Ma	Location *		39.165170 °
Category	Rivers, Channels & Designated Flood			-120.147590 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_30			
Action/Comments				
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Tahoe City lumber yard / Up**

Rating **	A	Issue No.	31	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_31			
Action/Comments				
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.				

Photo 1 of 1 : CH\_2019\_NA0045\_13\_31\_20190807\_00033.jpg



View of the Truckee River, looking upstream from the Tahoe City Lumber Yard. Summer 2019.

Rating **	A	Issue No.	32	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_32			
Action/Comments				
Inspector Comments: No shoaling or sedimentation present.				

No Photos

Rating **	A	Issue No.	33	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_33			
Action/Comments				
Inspector Comments: No erosion appeared to be encroaching into the channel bank.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Tahoe City lumber yard / Up (cont)**

Rating **	N	Issue No.	34	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_34			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating **	A	Issue No.	35	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_35			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Check Point / View

**Tahoe City lumber yard / Down**

Rating **	A	Issue No.	36	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0045_13_c_2012_36			

Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1 : CH\_2019\_NA0045\_13\_36\_20190807\_00034.jpg



View of the Truckee River, looking downstream from the Tahoe City Lumber Yard. Summer 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Channel 2019**

**Placer County**

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View

**Tahoe City lumber yard / Down (cont)**

Rating **	A	Issue No.	37	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0045_13_c_2012_37			
Action/Comments				
Inspector Comments: No shoaling or sedimentation present.				

No Photos

Rating **	A	Issue No.	38	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0045_13_c_2012_38			
Action/Comments				

No Photos

Rating **	N	Issue No.	39	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Revetments			
DWR ID	DWR_NA0045_13_c_2012_39			
Action/Comments				
Inspector Comments: This item does not apply to this inspection.				

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Channel 2019

### Placer County

Channel	Channel Length	Inspection Start/End	Inspector
Truckee River	0.60	08/06/2019 08/06/2019	Zach Jojola

Check Point / View				
Tahoe City lumber yard / Down (cont)				
Rating **	A	Issue No.	40	GPS Lat/Long
Issue Type +	Ma	Location *		39.162480 °
Category	Rivers, Channels & Designated Flood			-120.151900 °
Item	Encroachments			
DWR ID	DWR_NA0045_13_c_2012_40			
Action/Comments				
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.				

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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